

PEER-REVIEW REPORT/Author's Responses

Remark: Please see our responses (sentences in bold police) stated below each peer-reviewer's comment.

Name of journal: *World Journal of Hepatology*

Manuscript NO: 78086

Title: Liver current management and the role of multidisciplinary approach: a narrative review

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05909344

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Pakistan

Author's Country/Territory: Mali

Manuscript submission date: 2022-08-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-24 02:47

Reviewer performed review: 2022-09-02 16:29

Review time: 9 Days and 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection

Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Liver is an organ having extremely diversified functions, ranging from metabolic and synthetic to detoxification of harmful chemicals. This article only covers certain aspects of liver functions. Additionally, there doesn't seem to be a relationship between the different aspects covered. A focused narrative review on related features pertaining to the liver would have created a better impact.

Author's response

Dear Sir/Madam,

We have read with a great interest your helpful comments about our editorial manuscript number 78086. We agree with your comments that seem to resume in two points:

1) Reformulation of sentence:

We agree with the suggested formulation as follow: "Liver is an organ having extremely diversified functions, ranging from metabolic and synthetic to detoxification of harmful chemicals". Accordingly, we have updated the manuscript text.

2) Coverage of liver management:

Effectively, we have discussed certain aspects pertaining to the liver diseases, and that why we have noticed in "conclusion section" the following sentence: "The study would be more comprehensive if the literature search was extended to other database engines to explore research methods and findings". Our study deals with current multidisciplinary and pluralistic research regarding multiple facets of liver



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management to provide a useful practical tool for physician and scholars. We hope to have provided suitable answers to your helpful comments, and remain available to give you additional informations in needed case.

Sincerely yours.

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 78086

Title: Liver current management and the role of multidisciplinary approach: a narrative review

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02951945

Position: Editorial Board

Academic degree: MD

Professional title: Assistant Professor, Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Mali

Manuscript submission date: 2022-08-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-12 00:05

Reviewer performed review: 2022-09-12 00:39

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input checked="" type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

1) The title does not sound gramatically correct- « Current management of liver diseases and the rôle of multidisciplinary approach : a narrative review » could be a better title

2) I do not think such an extensive topc can be reviewed into one article, revieweing mutidisciplinary approach of the entire spectrum of to liver and related conditions is beyond the scope of a single manuscript, if a detailed or meaningful review is conducted

3) Please restrict review to one of the aspects like management of decompensated cirrhosis, hepatocellualr cacinoma, transplantation or COVID and liver or pathophysiology of liver disease

4) Lot of the above mentioned issues are superficially touched in this review but does not do justice to the abundance of literature available on any of these individual topics

5) I do not think these statements should surface un a scientific review article- « it is customary to say that "one can survive for a moment without a stomach but not without a viable liver" They are more appropriate for Sunday magazine or articles for non medical professionals

6) The entire manuscript describes lot of important aspects of liver care and the assumptions derived do not seem to based on in depth review of insight For example- The Alberta HCC algorithm has improved the BCLC staging system in several ways and better reflects the current clinical practice guidelines in Alberta BCLC is a time tested clinical algorithm for HCC and it has a revision in 2022, which has answered most of the criticisms against its application. The Alberta HCC algorithm has not been vaildated in large studies to derive such conclusions

7) I would recommend authors to restructure the manuscript and focus on one of the pertinent aspects and conduct a more comprehensive review

Author's response

Dear Sir/Madam,

We have read with a great interest your helpful comments about our editorial manuscript number 78086. According to your comments formulated in seven points, we have provided some responses and updated the text when we think that is necessary.

- 1) The title does not sound grammatically correct- « Current management of liver diseases and the role of multidisciplinary approach: a narrative review » could be a better title.

We agree with your suggestive formulation about our manuscript title. We have updated the manuscript title accordingly.

I do not think such an extensive topic can be reviewed into one article, reviewing multidisciplinary approach of the entire spectrum of liver and related conditions is beyond the scope of a single manuscript, if a detailed or meaningful review is conducted.

We agree with your helpful remark. Owing the use of the multidisciplinary RCA database to deal with multiple facets of the management of liver diseases, we think that the terms “multidisciplinary” and “pluralistic” may be suitable even if there is some a number of limitations. However, we have updated the manuscript by making a focus on the multidisciplinary management of HCC and inserting a statement for limitation and future direction.

- 2) Please restrict review to one of the aspects like management of decompensated cirrhosis, hepatocellular carcinoma, transplantation or COVID and liver or pathophysiology of liver disease.

We agree with your suggestive and helpful comment. We have updated the manuscript by making a focus on liver HCC management. Furthermore, we think that your suggestion may even be considered as a study perspective (future direction of the study). That why we propose the statement as follow: “In fine this study would be more impactful if it was restricted to either aspect of liver diseases management: decompensated cirrhosis, hepatocellular carcinoma, transplantation, COVID-19 and

liver or pathophysiology of liver damage". Except your disagreement, we have inserted the above sentence in the "conclusion section" of our manuscript.

- 3) Lot of the above mentioned issues are superficially touched in this review but does not do justice to the abundance of literature available on any of these individual topics.

We agree with your remark. However, we think that a limitation was noticed in the "conclusion section" as follow: "The study would be more comprehensive if the literature search was extended to other database engines to explore research methods and findings. This study is limited by possible additional literature that could appear outside the search period and date".

- 4) I do not think these statements should surface a scientific review article- « it is customary to say that "one can survive for a moment without a stomach but not without a viable liver". They are more appropriate for Sunday magazine or articles for non-medical professionals.

We agree with your comment. We have updated the manuscript by deleting the statement as follow: "one can survive for a moment without a stomach but not without a viable liver".

- 5) The entire manuscript describes lot of important aspects of liver care and the assumptions derived do not seem to based on in depth review of insight For example- The Alberta HCC algorithm has improved the BCLC staging system in several ways and better reflects the current clinical practice guidelines in Alberta BCLC is a time tested clinical algorithm for HCC and it has a revision in 2022, which has answered most of the criticisms against its application. The Alberta HCC algorithm has not been vaildated in large studies to derive such conclusions.

We agree with your comment. We have updated the manuscript according to your suggestion related to BCLC staging system by inserting new insights.

- 6) I would recommend authors to restructure the manuscript and focus on one of the pertinent aspects and conduct a more comprehensive review.

We agree with your comment. We have restructured the manuscript and the section related BCLC HCC management has been enough discussed by incorporating novelties.

Sincerely,

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 78086

Title: Liver current management and the role of multidisciplinary approach: a narrative review

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03195661

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Mali

Manuscript submission date: 2022-08-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-11 08:02

Reviewer performed review: 2022-09-13 11:14

Review time: 2 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

The paper by Nouhoum Bouare reviewed the research progress of various liver diseases, with special emphasis on the diagnosis and treatment of various liver diseases. This paper is informative; however, it was poorly organized, most likely due to that there are various liver diseases with quite different etiologies, pathogenesis, diagnosis, treatment and prognosis. The author discussed many types of liver disorders, however, none of them is systemic and without necessary integrity. For example, in the abstract, the author said that this review was aimed to discuss the involvement of exosomes, remdesivir, hyperthermia, and SARS-CoV-2 infection in hepatic damages. However, there are many other topics in the main body of this review, such as FLD, DILI, fibrosis, liver cancer, and even donor organ preservation. Most importantly, the author did not discuss any relative between exosomes, remdesivir, hyperthermia, and Covid-19 in most of these liver diseases. In the session of "Clinic, enzymology and immunology", I don't understand why the author discussed the treatment of DILI and HCC together in this session. Followed by this session, the "Diagnosis" session mainly discussed the imaging diagnosis of fibrosis and FLD, and ICG elimination for diagnosing hepatic function. Why not HCC, DILI, or other liver diseases? Similarly, in the "Liver therapeutic management" session, the author just discussed the employment of DAAs in HCC in BCLC-B/C stage, the management of solid benign liver tumors, and the hepatotoxicity of statin administration. In addition, I don't see the author has clearly discussed the "the role of multidisciplinary approach" in this review.

Author's response

Dear Sir/Madam,

We have read with a great interest your helpful comments about our editorial

manuscript number 78086. We agree with your comments that seem to resume in two points:

1) Manuscript organization and structuration

We agree with your helpful comments and we have updated the manuscript accordingly.

2) Manuscript integrity: study aim and suitability regarding the term “multidisciplinary”

2.1. We agree with your remark. We have updated the manuscript accordingly.

Study aim: Our work aimed to discuss new ideas, challenges and perspectives of current research regarding multidisciplinary and pluralistic management of liver diseases.

Findings: In one hand, this study has discussed the involvement of exosomes, remdesivir, and SARS-CoV-2 infection in hepatic damages. In the other hand, HCC algorithms and new biochemical and imaging experiments have been discussed along with COVID-19 and liver dysfunction.

2.2. We agree with your helpful remark. Owing the use of the multidisciplinary RCA database to deal with multiple facets of the management of liver diseases, we think that the terms “multidisciplinary” and “pluralistic” may be suitable even if there is some a number of limitations. However, we have updated the manuscript by making a focus on the multidisplinary management of HCC and inserting a statement for limitation and future direction. Furthermore, we have restructured the manuscript and the section related BCLC HCC management has been enough discussed by incorporating novelties.

Sincerely,



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